

# Xia Chuanqin

## List of Publications by Year in descending order

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50  
papers

1,441  
citations

394421

19  
h-index

330143

37  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic Insight into Hydrogen-Bond-Controlled Crystallinity and Adsorption Property of Covalent Organic Frameworks from Flexible Building Blocks. <i>Chemistry of Materials</i> , 2018, 30, 2299-2308.	6.7	208
2	Preparation of graphene oxide-manganese dioxide for highly efficient adsorption and separation of Th(IV)/U(VI). <i>Journal of Hazardous Materials</i> , 2016, 309, 107-115.	12.4	170
3	A novel benzimidazole-functionalized 2-D COF material: Synthesis and application as a selective solid-phase extractant for separation of uranium. <i>Journal of Colloid and Interface Science</i> , 2015, 437, 211-218.	9.4	153
4	Construction of Flexible Amine-Linked Covalent Organic Frameworks by Catalysis and Reduction of Formic Acid via the Eschweiler-Clarke Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12396-12405.	13.8	77
5	A rapid low-temperature synthetic method leading to large-scale carboxyl graphene. <i>Chemical Engineering Journal</i> , 2014, 236, 471-479.	12.7	66
6	The separation of Th(IV)/U(VI) via selective complexation with graphene oxide. <i>Chemical Engineering Journal</i> , 2015, 271, 147-154.	12.7	65
7	Efficient capture of Tc/Re(VII, IV) by a viologen-based organic polymer containing tetraaza macrocycles. <i>Chemical Engineering Journal</i> , 2020, 380, 122581.	12.7	64
8	A Schiff base/quaternary ammonium salt bifunctional graphene oxide as an efficient adsorbent for removal of Th(IV)/U(VI). <i>Journal of Colloid and Interface Science</i> , 2017, 508, 303-312.	9.4	59
9	A Self-Assembled Supramolecular Material Containing Phosphoric Acid for Ultrafast and Efficient Capture of Uranium from Acidic Solutions. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 950-960.	6.7	58
10	Removal of Th <sup>4+</sup> ions from aqueous solutions by graphene oxide. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 1999-2008.	1.5	45
11	A crystalline covalent organic framework embedded with a crystalline supramolecular organic framework for efficient iodine capture. <i>Journal of Materials Chemistry A</i> , 2021, 9, 16961-16966.	10.3	43
12	Impact of mixed low-molecular-weight organic acids on uranium accumulation and distribution in a variant of mustard ( <i>Brassica juncea</i> var. <i>tumida</i> ). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 302, 149-159.	1.5	34
13	Introduction of benzotriazole into graphene oxide for highly selective coadsorption of An and Ln: Facile synthesis and theoretical study. <i>Chemical Engineering Journal</i> , 2018, 344, 594-603.	12.7	34
14	Establishing Reliable Cu-64 Production Process: From Target Plating to Molecular Specific Tumor Micro-PET Imaging. <i>Molecules</i> , 2017, 22, 641.	3.8	33
15	Conjugated microporous polymers as a visible light driven platform for photo-redox conversion of biomass derived chemicals. <i>Green Chemistry</i> , 2021, 23, 3607-3611.	9.0	27
16	<sup>68</sup> Ga/ <sup>177</sup> Lu-labeled DOTA-TATE shows similar imaging and biodistribution in neuroendocrine tumor model. <i>Tumor Biology</i> , 2017, 39, 101042831770551.	1.8	24
17	Rapid iodine adsorption from vapor phase and solution by a nitrogen-rich covalent piperazine-triazine-based polymer. <i>New Journal of Chemistry</i> , 2021, 45, 5363-5370.	2.8	24
18	Benzotriazole decorated graphene oxide for efficient removal of U(VI). <i>Environmental Pollution</i> , 2019, 253, 221-230.	7.5	23

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19	Visible light driven photocatalytic removal of uranium(VI) in strongly acidic solution. <i>Journal of Hazardous Materials</i> , 2022, 426, 127851.	12.4	23
20	Targeted synthesis of a high-stability cationic porous aromatic framework for highly efficient remediation of $^{99}\text{TcO}_4^-$ . <i>Chemical Engineering Journal</i> , 2022, 435, 134785.	12.7	21
21	New cyclen derivative ligand for thorium(IV) separation by solvent extraction. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 295, 125-133.	1.5	16
22	The novel extractants, bis-triamides: Synthesis and selective extraction of thorium(IV) from nitric acid media. <i>Separation and Purification Technology</i> , 2017, 188, 485-492.	7.9	14
23	Construction of Flexible Amine-Linked Covalent Organic Frameworks by Catalysis and Reduction of Formic Acid via the Eschweiler-Clarke Reaction. <i>Angewandte Chemie</i> , 2021, 133, 12504-12513.	2.0	14
24	The effect of U speciation in cultivation solution on the uptake of U by variant <i>Sedum alfredii</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 9964-9971.	5.3	13
25	Subcellular distribution and chemical forms of thorium in <i>Brassica juncea</i> var. <i>foliosa</i> . <i>Journal of Environmental Radioactivity</i> , 2016, 157, 60-66.	1.7	11
26	Complexation and Separation of Trivalent Actinides and Lanthanides by a Novel DGA Derived from Macrocyclic Crown Ether: Synthesis, Extraction, and Spectroscopic and Density Functional Theory Studies. <i>ACS Omega</i> , 2021, 6, 2156-2166.	3.5	11
27	Chaos to order: an eco-friendly way to synthesize graphene quantum dots. <i>RSC Advances</i> , 2014, 4, 43160-43165.	3.6	10
28	Selective Extraction and Complexation Studies for Thorium(IV) with Bis-triamide Extractants: Synthesis, Solvent Extraction, EXAFS, and DFT. <i>Inorganic Chemistry</i> , 2021, 60, 14212-14220.	4.0	10
29	Interaction between U and Th on their uptake, distribution, and toxicity in <i>V. S. alfredii</i> based on the phytoremediation of U and Th. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2996-3005.	5.3	9
30	Improved Preparation of Tyramine by Curtius Rearrangement. <i>Chinese Journal of Chemistry</i> , 2009, 27, 433-436.	4.9	8
31	Influence of Europium speciation on its accumulation in <i>Brassica napus</i> and over-expressing <i>BnTR1</i> lines. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 301, 257-262.	1.5	8
32	Adsorption and desorption of uranium(VI) by Fe-Mn binary oxide in aqueous solutions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 545-554.	1.5	8
33	Insights into mechanism on organic acids assisted translocation of uranium in <i>Brassica juncea</i> var. <i>foliosa</i> by EXAFS. <i>Journal of Environmental Radioactivity</i> , 2020, 218, 106254.	1.7	8
34	An innovative strategy for construction of pH-responsive supramolecular hydrogel from graphene quantum dots clusters toward integration of detection and removal of uranium. <i>Applied Surface Science</i> , 2022, 583, 152492.	6.1	8
35	Simultaneous total and speciation analysis of rhenium by capillary electrophoresis-inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021, 180, 106211.	2.9	7
36	Porphyrim-based cationic conjugated network prepared by Zincke reaction and its adsorption for $\text{TcO}_4^-/\text{ReO}_4^-$ . <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 330, 1165-1176.	1.5	7

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37	Preparation and evaluation of <sup>131</sup> I-querceetin as a novel radiotherapy agent against dedifferentiated thyroid cancer. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 1697-1708.	1.5	6
38	The fate of rhenium in polyaminocarboxy solution: Hourglass crystal and its speciation study. <i>Journal of Hazardous Materials</i> , 2019, 375, 78-85.	12.4	6
39	Crystal structures of the 2:2 complex of 1,1'-bis(2-phenylene)bis(3-m-tolylurea) and tetrabutylammonium chloride or bromide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1316-1319.	0.5	4
40	Anion binding and fluoride ion induced conformational changes in bisurea receptors. <i>New Journal of Chemistry</i> , 2020, 44, 2033-2045.	2.8	3
41	Cationic covalent organic polymers based on guanidine with higher positive potential for selective sorption of ReO <sub>4</sub> <sup>−</sup> : Synthesis and DFT calculation. <i>Surfaces and Interfaces</i> , 2022, 29, 101788.	3.0	3
42	Design and synthesis of a novel soft-hard donor ligand for solvent extraction of Th(IV) from nitric acid media. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 312, 655-662.	1.5	2
43	Hydrothermal synthesis, crystal structure and properties of a two-dimensional uranyl coordination polymer based on a flexible zwitterionic ligand. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 366-371.	0.5	2
44	Study on Extraction Behavior of Re(VII) with Bis-triamide Extractants. <i>Solvent Extraction and Ion Exchange</i> , 2022, 40, 571-589.	2.0	1
45	Excessive consumption mechanism of hydrazine in the reaction with ReO <sub>4</sub> <sup>−</sup> : Re species evolution and ReO <sub>2</sub> ·nH <sub>2</sub> O-catalyzed decomposition. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3532-3541.	6.0	1
46	The crystal structure of oxonium chlorido-ethylenediaminetetraacetate(IV) hydrate, C <sub>10</sub> H <sub>17</sub> ClN <sub>2</sub> O <sub>10</sub> Sn. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 941-942.	0.3	0
47	The coordination of low-valent Re/Tc with glutarimide dioxime and the fate of Tc in aqueous solution: spectroscopy, ESI-MS and EXAFS. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 328, 1279-1289.	1.5	0
48	Frontispiece: Construction of Flexible Amine-linked Covalent Organic Frameworks by Catalysis and Reduction of Formic Acid via the Eschweiler-Clarke Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0
49	Frontispiz: Construction of Flexible Amine-linked Covalent Organic Frameworks by Catalysis and Reduction of Formic Acid via the Eschweiler-Clarke Reaction. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0
50	Crystal structure of a host-guest complex of the tris-urea receptor, 3-(4-nitrophenyl)-1,1-bis{2-[3-(4-nitrophenyl)ureido]ethyl}urea, that encapsulates hydrogen-bonded chains of dihydrogen phosphate anions with separate tetra-n-butylammonium counter-ions. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 319-323.	0.5	0